



May 23, 2013

Director  
Colorado Oil and Gas Conservation Commission  
1120 Lincoln Street, Suite 801  
Denver, CO 80203

Re: 30 Day Certification Letter – Rule 318 A(e)  
Phelps K-32NHZ  
Township 1 North, Range 66 West  
Sections 32  
Weld County, Colorado

Dear Director,

Synergy Resources Corporation (SRC) hereby certifies to the Director that SRC owns 100% interest in the proposed well bore spacing unit for the above said well. SRC hereby requests the Director to approve the Boundary well.

If you have any questions or issues regarding this permit, please contact Craig Rasmuson at (970) 737-1073.

Sincerely,

*Craig Rasmuson*

Craig Rasmuson  
Synergy Resources Corporation

## WELL LOCATION CERTIFICATE

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

NW COR. SEC. 32  
FOUND #6 REB.  
W/ 3.25" A.C.  
PLS ILLEGIBLEN 1/4 COR. SEC. 32  
FOUND #6 REB.

W/ 2" A.C.

PLS 25937

NE COR. SEC. 32  
FOUND #6 REB.

W/ 2" A.C.

PLS 25937

*Synergy Resources  
Proposed Spacing  
Unit - 320 acres*W 1/4 COR. SEC. 32  
FOUND #6 REB.  
W/ 2.5" A.C.  
PLS 23027C 1/4 COR. SEC. 32  
FOUND 3" IRON PIPE

32

E 1/4 COR. SEC. 32  
FOUND #6 REB.

W/ 2" A.C.

PLS 25937

SW COR. SEC. 32  
FOUND #6 REB.  
W/ 3.25" A.C.  
PLS 31158

S 89°30'28" W 2640.43' (C)

S 89°30'29" W 2642.94' (C)

SE COR. SEC. 32  
FOUND 2" A.C.

IN RANGE BOX

PLS 25937

IN ACCORDANCE WITH A REQUEST FROM CRAIG RASMUSON - SYNERGY RESOURCES, BASELINE ENGINEERING CORP. HAS DETERMINED THE LOCATION OF THE SRC PHELPS K-32NHZ TO BE 1,788' FNL AND 222' FEL, AS MEASURED AT NINETY (90) DEGREES FROM THE SECTION LINE OF SECTION 32, TOWNSHIP 1 NORTH, RANGE 66 WEST AND THE BOTTOM HOLE LOCATION TO BE 2,483' FNL AND 460' FNL OF SECTION 32, TOWNSHIP 1 NORTH, RANGE 66 WEST, 6TH PRINCIPAL MERIDIAN, WELD COUNTY, COLORADO.

I HEREBY CERTIFY THAT THIS WELL LOCATION CERTIFICATE WAS PREPARED BY ME, OR UNDER MY DIRECT SUPERVISION, THAT THE FIELD WORK WAS COMPLETED ON 5/2/2013, THAT IT IS NOT A LAND SURVEY PLAT OR AN IMPROVEMENT SURVEY PLAT, AND THAT IT IS NOT TO BE RELIED UPON FOR ESTABLISHMENT OF FENCE, BUILDING, OR OTHER FUTURE IMPROVEMENT LINES.



## NOTES:

- 1) LAT/LONG SHOWN ARE BASED ON A GPS OBSERVATION (NAD83).
- 2) BEARINGS SHOWN ARE GRID BEARINGS OF THE COLORADO STATE PLANE COORDINATE SYSTEM, NORTH ZONE, NORTH AMERICAN DATUM 1983/2007.
- 3) GROUND ELEVATIONS ARE BASED ON A GPS OBSERVATION (NAVD 88 DATUM)
- 4) ALL DISTANCES SHOWN ARE FIELD MEASURED UNLESS OTHERWISE NOTED.
- 5) THE NEAREST EX'ISTING WELL IS: EMMA DELVENTAL GAS UNIT #1 698' SOUTHWEST.
- 6) IMPROVEMENTS: SEE LOCATION DRAWING EXHIBIT FOR ALL VISIBLE IMPROVEMENTS WITHIN 600' OF WELL HEAD.
- 7) SURFACE USE: NATURAL GROUND.

NOTICE: According to Colorado law you MUST commence any legal action based upon any defect in this W.L.C. within three years after you first discover such defect. In no event may any action based upon any defect in this W.L.C. be commenced more than ten years from this said date of the certification shown herein.

SURFACE HOLE:  
LATITUDE: 40.010839° N  
LONGITUDE: 104.792269° W  
PDOP: 1.3  
1/4, 1/4: SE1/4NE1/4  
NEAREST PROPERTY LINE: 222' E

BOTTOM HOLE:  
LATITUDE: 40.008127° N  
LONGITUDE: 104.808741° W

## LEGEND

- - FOUND/SET SURVEY MONUMENT PER MONUMENT RECORD EXCEPTIONS NOTED
- - CALCULATED SURVEY MONUMENT POSITION
- (C) - CALCULATED DIMENSION

AARON A. DEMO  
Professional Land Surveyor Registration No. 38285  
State of Colorado  
FOR AND ON BEHALF OF BASELINE ENGINEERING CORP.

Completed  
5/21/2013

JOB #:SYND1466W32-01